Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/629,716      | HUANG ET AL. |
| Examiner        | Art Unit     |

Minh-Chau T. Pham

1724

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| 0'   | -!       | Date     |          |          |              |          |          |          |  |          |               |            |              |          |              |          | <del></del> 1 |          |          |          |            |                     |            |  |   |              |          |          |         |          |              |
|--|----------|----------|----------|----------|--------------|----------|----------|----------|--|----------|---------------|------------|--------------|----------|--------------|----------|---------------|----------|----------|----------|------------|---------------------|------------|--|---|--------------|----------|----------|---------|----------|--------------|
| Cla  | aim<br>I | -        |          | -1       | _[           | Jat      | e<br>T   | т-       | _  | $\dashv$ | Cl            | Claim Date |              |          |              |          |               |          |          | _        | Claim Date |                     |            |  |   |              |          |          |         |          |              |
| Final  | Original | 7/27/04  |          |          |              |          |          |          |  |          | Final         | Original   |              |          |              |          |               |          |          |          |            | Final               | Original   |  |   |              |          |          |         |          |              |
|  | 1        | v        |          |          |              |          | 1        | T        | T  | $\vdash$ |               | 51         | 1-           | ┢        | <b> </b>     |          | <del> </del>  |          |          | $\vdash$ | $\dashv$   | -                   | 101        |  | -+  | +            | +        |          | +       | +        | +            |
|  | 2        | v        |          |          |              |          |          |          | Т  | П        |               | 52         | İ            |          |              | $\vdash$ | t             |          |          | H        | _          |                     | 102        | $\vdash$   | +   |              | +        | $\dashv$ |         | +-       | ╁            |
|  | 3        | ν        |          |          |              |          |          |          | T  |          |               | 53         |              | T        | $\top$       |          | T             | _        |          |          |            | -                   | 103        |  | _   | _            | +        | $\top$   | ╅       | ╁        | +            |
|  | 4        | ٧        |          |          |              |          |          | Ī        |  |          |               | 54         |              |          |              |          |               |          |          |          |            |                     | 104        | П  | -†  |              | _        | $\top$   | 1       | 1        | †            |
|  | 5        | <        |          |          |              |          |          |          |  |          |               | 55         |              |          |              |          |               |          |          | $\Box$   |            | ******              | 105        |  | 十   | T            | +        | $\top$   | 1       | 1        | 1            |
|  | 6        | ٧        |          |          |              |          | L        | L        | L  |          |               | 56         |              |          |              |          |               |          |          |          |            |                     | 106        |  |   | T            |          | T        | _       |          |              |
|  | 7        | ٧        |          | _        |              |          |          | L        | L  | Ш        |               | 57         |              | L        |              |          |               |          |          |          |            |                     | 107        |  |   | T            |          |          | T       |          | 1            |
|  | 8        |          |          | 4        |              |          | L.       | _        | L  | Ш        | -             | 58         |              | <u> </u> | <u> </u>     |          |               |          |          |          |            |                     | 108        |  |   |              |          |          |         |          |              |
|  | 9        |          |          | _        |              |          | ╙        | <u> </u> | ļ  | Ш        | ļ             | 59         | _            |          | L            | <u> </u> | <u> </u>      |          |          | Ш        |            |                     | 109        |  |   |              |          |          |         |          |              |
| <u> </u>   | 10       |          |          | _        |              | <u> </u> |          | _        | ļ  | Ш        |               | 60         | ļ            | <u>L</u> | <u> </u>     | L.       | _             | Щ        |          | Ш        | _          |                     | 110        |  |   | $\perp$      | $\perp$  |          |         | $\perp$  |              |
|  | 11<br>12 | $\dashv$ | $\dashv$ | -+       | _            |          | -        |          | ـ  | Ш        |               | 61         | <u> </u>     | _        | <u> </u>     |          | _             |          |          |          | _          | ļ                   | 111        |  | _   | 4            | $\perp$  | ⅃.       | _       |          |              |
| <u> </u>   |          | -        | $\dashv$ |          | -            |          | -        | -        | <u> </u>   | Н        | <u> </u>      | 62         | ├            | ╙        | <u> </u>     | <u> </u> |               |          |          |          | _          | <u> </u>            | 112        | $\rightarrow$  | _   |              | ┸        | $\perp$  | 1       | ┺        | _            |
|  | 13<br>14 |          | $\dashv$ |          |              |          |          | ├        | ├  | H        | <u> </u>      | 63         |              | <u> </u> | <u> </u>     | -        | _             | -        |          |          | _          |                     | 113        |  | 4   | _            | 4.       |          | 1.      | $\perp$  | ↓_           |
| -  | 15       | -        | +        | $\dashv$ | -            |          | ⊢        |          | -  | -        | -             | 64<br>65   | H            | ├        |              |          | -             |          |          | $\vdash$ |            |                     | 114        | -  | _   |              | +        | +        | _       | ↓_       | ↓_           |
| <del></del>                                      | 16       | $\dashv$ | -        | $\dashv$ | $\dashv$     |          |          | $\vdash$ |  | -        |               | 66         | ⊢            | ├        |              |          | ⊢             |          |          |          | _          |                     | 115        |  | +   | +            | +        | +        | 4       | -        | ↓_           |
|  | 17       | $\dashv$ |          | +        | $\dashv$     |          | $\vdash$ | ├        |  | Н        | -             | 67         | <del> </del> |          | -            |          |               |          |          |          | -          | -                   | 116        |  | - -   | +            | +-       | +        | +-      | ╀-       | ╄            |
| <del>                                     </del> | 18       | $\dashv$ |          | $\dashv$ | _            |          | ┢        | ├        | ├┈   | Н        |               | 68         | ⊢            |          | H            |          |               |          |          | $\vdash$ |            |                     | 117        |  | +   | -            | +        |          | -       | ┼        | <u> </u>     |
|  | 19       |          | +        | $\dashv$ |              |          | ├        | ┢╌       | $\vdash$   |          |               | 69         | <del> </del> |          | -            |          | -             |          |          | $\vdash$ |            |                     | 118        |  | +   | -            | _        | +        |         | 1        | <u> </u>     |
|  | 20       | ╛        | +        |          | $\dashv$     |          | -        | -        | H  |          | <del> </del>  | -70        | $\vdash$     | -        | -            |          | -             |          |          | $\vdash$ |            |                     | 119<br>120 |  | -+  |              | +        | +        | -       | +        | <u> </u>     |
|  | 21       |          | $\dashv$ | +        | _            |          |          | -        | -  | H        | -             | 71         | ├            |          | <del> </del> |          |               |          |          | $\vdash$ |            |                     | 121        | <del> -</del> -  | +   | +            | +        | +        | - -     | 1        | ├            |
|  | 22       | -        | +        | $\dashv$ | $\dashv$     | -        | _        |          | -  | Н        | <b>—</b>      | 72         | -            | $\vdash$ |              |          |               | -        | _        | $\vdash$ |            | <u> </u>            | 122        | -  | +   | +            |          | +        | +       | +        | <del> </del> |
|  | 23       | $\dashv$ | _        | T        | _            |          |          |          | <del>                                     </del> | H        |               | 73         |              | $\vdash$ |              |          | $\vdash$      |          | -        | $\vdash$ | -          | <b></b> -           | 123        | - +  | -   | -            | +-       | +        | +-      | +-       | ┢            |
|  | 24       | T        | $\dashv$ | $\dashv$ | 1            |          |          | $\vdash$ |  | $\vdash$ | <del></del> - | 74         |              |          |              |          | -             |          |          | $\vdash$ |            |                     | 124        |  | -   | +            | +        | +        |         | ╁        | ┼            |
|  | 25       | 一        | +        | +        | T            |          |          | Τ.       |  | $\vdash$ | <u> </u>      | 75         | <u> </u>     | -        |              | -        |               |          |          | $\dashv$ | -          | -                   | 125        |  | +   | +-           | +        | +        | +-      | ╫        | ╁──          |
|  | 26       | $\neg$   | 1        | $\neg$   |              |          |          |          |  |          |               | 76         |              | _        |              |          |               |          |          | +        | $\dashv$   |                     | 126        |  | +   | +            | +        | ┽        | ╫       | $\vdash$ | ┢╌           |
|  | 27       |          |          | 1        | $\neg$       |          |          |          |  |          |               | 77         |              |          |              |          | Н             | $\dashv$ |          | $\vdash$ |            |                     | 127        | _  | +   | +            | +        | +        | +-      |          | -            |
|  | 28       |          |          |          | $\neg$       |          |          |          |  |          |               | 78         | _            |          |              |          |               |          | _        | $\vdash$ | $\dashv$   |                     | 128        |  | +   | +            | +        | +        | ╅       | ┢        | ╁╌           |
|  | 29       |          | T        |          | T            |          |          |          |  |          | -             | 79         |              | _        |              |          | _             | 寸        |          |          | $\dashv$   |                     | 129        | +  | +   | +            | +        | ╁        | +       | +-       | -            |
|  | 30       |          |          | Ī        | $\neg$       |          |          |          |  |          |               | 80         | i            |          |              |          |               | 一        |          | _        | $\dashv$   |                     | 130        | _  | +   | +            | +        | ┪        | +       | $\vdash$ | -            |
|  | 31       |          |          |          |              |          |          |          |  |          |               | 81         |              |          |              |          |               | 一        |          | mi       |            |                     | 131        |  | +   | 十            | +        | +        | ╁       | +        | ┢            |
|  | 32       |          |          |          |              |          |          |          |  |          |               | 82         |              |          |              |          |               | T        |          |          |            |                     | 132        |  | ╅   | ╈            | T        | 1        | +       | +-       |              |
|  | 33       |          |          | $\perp$  | $\Box$       | $\Box$   |          |          |  |          |               | 83         |              |          |              |          |               | $\neg$   |          |          | 7          |                     | 133        |  | $\top$  | 1            | +        | 1        | +       | 1        | T            |
|  | 34       | $\perp$  | [        |          | $\perp$      | $\Box$   |          |          |  |          |               | 84         |              |          |              |          |               |          |          |          |            |                     | 134        | $\top$   | $\top$  | $\top$       | $\top$   | 1        | 1       |          | Г            |
|  | 35       |          | $\perp$  | $\perp$  |              | $\Box$   |          |          |  |          |               | 85         |              |          |              |          |               |          |          |          |            |                     | 135        |  | 1   |              | T        | 7        | 1       |          |              |
|  | 36       | _        |          | _        |              | _        |          |          |  |          |               | 86         |              |          |              |          |               |          |          |          |            |                     | 136        |  |   |              | T        | Т        |         | 1        |              |
|  | 37       |          | 4        | $\perp$  | 4            | _        |          |          |  |          |               | 87         | Ш            |          | $\Box$       |          |               |          |          |          |            |                     | 137        |  | I   |              | Ι        | $\perp$  |         |          |              |
|  | 38       |          | - -      | $\perp$  | 4            | _        |          | Ш        |  | _        |               | 88         | Ш            |          |              | [        |               | _[       |          | $\Box$   |            |                     | 138        |  | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oxed{\Box}$ | Ι        | $\perp$  |         | $\Box$   |              |
|  | 39       | _        | 4        | $\perp$  | 4            | _        |          |          |  | _        |               | 89         |              |          |              |          | [             | [        |          |          |            |                     | 139        |  | T   |              | Ι        | $\perp$  | floor   |          |              |
|  | 40       |          | +        | -        | $\downarrow$ | _        |          |          |  |          |               | 90         | $\Box$       |          |              | $\perp$  |               |          | $\Box$   |          | _          |                     | 140        |  |   |              |          |          | I       |          |              |
|  | 41       | $\dashv$ |          | $\perp$  | 4            | 4        | _        |          |  |          |               | 91         |              |          | _            |          | _             | $\dashv$ | _        | $\perp$  | _          |                     | 141        | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |   |              |          |          | 丄       |          |              |
| -  | 42       | $\dashv$ | -        | +        | 4            | $\dashv$ | _        | <b>—</b> | _  | _        | $\vdash$      | 92         |              |          |              | _        |               | _        | _        | 4        | _          |                     | 142        |  | Ţ   | Ļ            | L        | L        | Ĺ       |          |              |
|  | 43<br>44 | $\dashv$ | +        | +        | +            | $\dashv$ |          |          |  | $\dashv$ |               | 93         |              |          |              | _        | $\rightarrow$ | _        | _        | _        | 4          | $\sqcup$            | 143        | $\perp$  | $\perp$   | $\perp$      | $\perp$  | $\perp$  | 1       |          |              |
|  | 44       | $\dashv$ | -        | +        | +            | $\dashv$ |          | _        | _  | 4        | -             | 94         | _            | _        |              | _        | $\dashv$      |          | _        | _        | _          |                     | 144        | $\perp$  | $\perp$   | 4            | $\perp$  | $\perp$  | 1       | L        | $\Box$       |
|  | 46       | +        | +        |          | 4            |          |          | 4        |  | _        |               | 95         |              |          | $\dashv$     | _        |               | _        |          | $\dashv$ | 4          |                     | 145        |  | $\perp$   | $\perp$      | <u> </u> | 1        | L       | <u> </u> |              |
| +  | 47       | $\dashv$ | +        | +        | +            |          | $\dashv$ |          |  | -        | $\vdash$      | 96         |              |          |              |          | _             | _        | 4        | +        | _          | $\sqcup \downarrow$ | 146        | $\perp$  | $\perp$   | _            | <u> </u> | 4_       | 1       | _        | Ш            |
|  | 47       | +        | +        | +        | +            | $\dashv$ |          |          |  | $\dashv$ | $\vdash$      | 97         | -            |          |              | $\dashv$ |               | $\dashv$ | $\dashv$ | -        | $\dashv$   | <b>  </b>           | 147        | $\perp$  | $\bot$  | 4_           | $\perp$  | $\perp$  | $\perp$ | ļ        | Щ            |
|  | 49       | $\dashv$ | +        | +        | +            | $\dashv$ |          |          | $\dashv$   | $\dashv$ |               | 98         | $\dashv$     | -        | $\dashv$     |          | _}            | $\dashv$ | -        | _        |            | <b> </b>            | 148        |  | -   | 1_           | $\perp$  | ╁        | $\bot$  |          |              |
|  | 50       | $\dashv$ | +        | +        | +            | $\dashv$ | $\dashv$ |          |  | $\dashv$ | $\vdash$      | 99<br>100  | -            |          |              | $\dashv$ | -             | _        |          | +        |            |                     | 149        | _  |   | +            | $\bot$   | _        | _       | <b> </b> | Ш            |
|  | 50       |          | L        |          | L_           | L        |          |          |  |          | L             | 100        |              |          | $\perp$      | 1        |               | i        |          |          |            | L.                  | 150        | - 1  | - 1   | 1            | 1        | 1        |         | i        | ıl           |